SSMP

RECEIVED CENTRAL FAX CENTER

AUG 17 2005

4	-
)
)
4	J
=	늿
APIE	7
M	2
V	
7	5

400 Garden City Plazza – Suite 5CO Garden City, New York, 11530 1516) 742-4543 - Talephone (518) 742-4389 – Fecsimie e-mait, https://doi.org/



عِ	P. E. C.	Examiner Fazl E-dem Art Unit:: 2828	From:	From: Leslis S. Szivos, Ph.D.	h.D.
2	571-5	571-273-8300	Pages	Pages: 10 pages including cover shaet	covershaet
Phone:	75		Deter	Deter 8/17/2005	
## ##	Vert U.S. Our F	Victor W.C., Chan et a U.S. Petent Appin, No0/604,003 IBM Ref.: FISS20020105US1 Our Ref: 16462	.0/604,003 CC ; iUS1		
□ Urgent	3 00	☐ For Review	Please Comment	🗆 Pipase Roply	☐ Please Recycle

The following documents are attached to the facsimile:

- 1. Amendment Transmittal (in duplicate)
- 2. Cartificate of Transmission by Facsimile dates: August 17, 2005 (in duplicate)
- 3. Amendment and Response Juder 37 CFR §1.111
- Authorization to charge IBM deposit account

CONFERING TY: The documents accompanying the facetime beneaused may contain information which is either confidential or legally anti-legat and is intended only for the authorized use of the individual or entity remains below without light or publication or republication are publication or republication; also control of deciding a supressy earthful or established by course of desiring. It displays the control receiped in your second in the control of the documents. If you have any questions concerning this faceimile please call (518) 742-4349 and ask tor Vivian

PAGE 1/10 * RCVD AT 8/17/2005 2:46:23 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-6/24 * DNIS:2738300 * CSID: * DURATION (mm-ss):02-10

AMEND	MENT TRANSMIT	AMENDMENT TRANSMITTAL LETTER (Large Eptity)	rge Entity)	DO	DOCKET NO.
olicant(s): Viv	Victor W. C. Chan et al.			FIS920030	FIS92003010-2DS1 (16462)
ppication No. 10:604,003	Filr.g Date June 20, 2003	Szarniner Fazli Erdem	Custorre - No. 23389	Group Art U⊤i: 2826	Corfirmation No. 1062
ention: SUBS	SUBSTRATE ENGINEERIN PERFORMANCE	SUBSTRATE ENGINEERING FOR OPTIMUM CMOS DEVICE PERFORMANCE	AOS DEVICE		
		COMMISSIONER FOR PATENTS:	R PATENTS:		
nsmitted harray	nsmitted harewith is ar amend.nent in the above-identified a stee has been calculated and is transmitted as shown below.	nsmitted herewith is ar amend:nent in the above-identified applications fee has been calculated and is transmitted as shown below.	pplication.		
		CLAIMS AS AMENDED	ENDED		
	CLAINS REMAINING	#_Sahell-	NUMBER STRA	BATE	ADDITTOWAL
	AFTER AMENDIVENT	PREV. PAID FOR	CLAIMS PRESENT	- Hair	丑
TAL CLAIMS	- 2	20 =	O	00.05\$ ×	\$0.00
EP CLAINS		89	0	00.0CZ\$ ×	\$0.00
liple Depender	liple Dependent Claims (check if applicable)	licable)			S0.00
		TOTAL ADDITIONAL FEE FOR THIS AMENDMENT	FEE FOR THIS AME	NDMENT	S0.00
Mo additional fee is required by the second of the broad of the broad communication or credition of any additional filling of the broad of the broad of the form. MARNING: Information of the form. MARNING: Information of the form. MARNING: Information of the form. Second of the form. Second of the form.	B No additional fee is required for amendment. Please charge Deposit Account No. A check in the amount of to cov. The Director is hereby authorized to charge it communication or credit any overpayment to a Any patent application processing fees. B Any patent application processing fees: B Any patent application processing fees: WARNING: Information on this form may included on this form. Provide credit card signature. Signature Signature	to cover the fill n charge payment o yment to Deposit A ed under 37 C.F.R ing fees under 37 C 2088. m may become p dit card frformat	in the amount of g fea is enclosed. If the following feas associate account 69-0458/IBM 1,16. CFR 1.17. Ublic. Credit card information on P for and authorization on P for a fave speak of the feas for the fave speak of deass mall in an envelope and for the fave speak of deass mall in an envelope and for deass mall in an envelope and for the fave speak of the fave fave fave for the fave for t	Sepolated with this M formation should not be n on PTO-2036. 7, 2005 7, 2005 rtts correspondently being deposited open addressed to "Corrusingar's Pare richs, WA 22313-1457 (37 Orff - R(s), on	The amount of a second
SPYND			Signative	Superprie of Person Mallage Correspondence	техропавенся
			Typed or Prize	Typed or Printed Name of Person Making Correspondence	Ling Correspondence

REST AVAILARIE CODY

RTIFICATE OF	RTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)	SIMILE (37 CFK L.8)	CONTRACTOR OF THE PARTY OF THE
licant(s): Victor W. (Victor W. C. Chen et al.		F18920K360105US1 (10402)
Applicat on No. 10/604,403	Filing Date June 20, 2003	Examiner Pauli Erdem	Group Art Unit 2826
ntion: SUBSTRATE ENC PERFORMANCE	SUBSTRATE ENGLYBERING FOR OPTIMUM CMOS DEVICE PERFORMANCE	ILM CMOS DEVICE	
		or the state of th	
ereby cartily inat unis leing fatsimille transm	ilitec to the United States Pater	areby carry that this control of the United States Patent and Trademark Office (Fax. No.	571-273-8300
August 17, 2005 (Deta)	, 2005		
		Lealle & Szlyna, Ph.D.	on Herding Gerefficant
		(Sgraure)	
·	Note: Each paper must	Note: Each paper cuest have its own certificate of mailing.	
·			

변형 물 물 등 PAGE 3/10 * RCVD AT 8/17/2005 2:46:23 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-6/24 * DNIS:2738300 * CSID: * DURATION (mm-ss):02-10

AMEND	MIENT TRANSMIT	AMENDMENT TRANSMITTAL LETTER (Large Endty)	ge Endty)	°	Docket No.
pplicant(s): VA	Victor W. C. Chan et al.			FIS920030	FIS920030105US1 (16462)
Application No. 10/664,013	Filing Cate June 20, 2003	Examiner Fizil Erdem	Custame* No. 23389	. Group Arl Unit 2826	Conf.rmation No.
Vention: SUB	SUBSIRATE ENGINEERR PERFORMANCE	SUBSTRATE ENGINEBRING FOR OPTIMUM CMOS DEVICE PERFORMANCE	IOS DEVICE		
		COMMISSIONER FOR PATENTS:	R PATENTS:		
ransmiltad heret na taa has baen	with 1s an amendment in celculated and is trens	ansmitted herewith is an amendment in the above-identif ed application. The has been calculated and is transmitted as shown below.	pplication.		
		CLAIMS AS AMENDED	ENDED		
	CLAIMS REMAINING	HIGHEST#	NUMBER EXTRA	, i	ADDITIONAL.
	AFTER AMENDMENT	FREV. PAID FOR	CLAIMS PPESENT	ואון	FEE
OTAL CLAIMS		20 =		к \$50.00	00'0\$
IDEP. CLAIMS	2	11	0	× \$200.00	00.0€
Ultiple Dependa	Littiple Dependent Claims (check if applicable)	licacie)			00.0\$
		TOTAL ADDITIONAL FEE FOR THIS AMENDMENT	FEE FOR THIS AME	NDMENT	\$0.00
No additional fee is required by the supercharge Deposit. A check if the amount of the boliector is hereby a communication or credible. Any additional filling. Salvas, Ph.B. Reg. No. 39,394 SCULLY, SCOTT, MURPHY 400 Garden City, New York 11539	No additional fee is required for emendment. Please charge Deposit Account No. A check ir the amount of to cow The Director is hereby authorized to charge it communication or credit any overpayment to Es Any additional filling fees required under Es Any patent application processing fees in Any patent application fees and Indiana Any patent application and Any paten	to cover the filting charge payment of charge payment of the charg	In the amount of gles is endoced. Ithe following fees associated with this account up-0458/IBM. 1.18. The 1.17. Dated: August 17, 2005 Dated: August 17, 2005 The Nation on PTO-2036. Dated: August 17, 2005 The Nation of Section of Sect	More and the state of the state	ne amount of e is endoced. s following fees associated with this unt 09-0458/IBM B. 1.17. C. Credit card information should not be and authorization on PTO-2038. Dated: August 17, 2005 Dated: August 17, 2005
SS/YYvh			Signyliure	Siggilure of Person Mailing Correspondence	wespondence
j			Trood or Private	Typing or Printed Name of Person Idulity Correspondence	the Correspondence

CERTIFICATE OF TRANSMIS	CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFK 1.5) pplicat(s): Victor W. C. Chan et al.		FTS920030105US1 (16462)	-
Application No. 10/604,003	≕ing Date June 20, 2003	Examiner Fazi Erdem	Grcup Art Unit 2826	
Nention: SUBSTRATE ENG PERFORMANCE	SUBSTRATE ENGINEERING FOR OPTIMUM CMOS DEVICE PERFORMANCE	AUM CMOS DEVICE		
l hereby cert.fy that thus s being facshni'e transm	Ifted to the United States Pater	I hereby certify that this conveyed the conveyed that the states of conveyed the states of the states of conveyed that the states of the state	571-273-8300	
Con August 17, 2005	2005			
		Lesie S. Szivna, Ph.D. (Typed or Princed W. M. for posses Stantes (Signature)	Ph.D.	
	Note: Each bener must	Note: Each bener must have its own certificate of mailing.		
				7

PAGE 5/10 * RCVD AT 8/17/2005 2:46:23 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-6/24 * DNIS:2738300 * CSID: * DURATION (mm-ss):02-10

Docket: FIS920030105US1 (16462)

SUBSTRATE ENGINEERING FOR OPTIMUM CMOS DEVICE

PERFORMANCE

Confirmation No.: 1002

August 17, 2005

Dated:

For:

June 20, 2003

Filed:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner: Fazli Erdem

Applicant(s): Victor W.C. Chan e: a..

10/604,003

Serial No:

Art Unit: 2826

Ledie S. Szivos, Ph.D.

RECEIVED CENTRAL FAX CENTER

AUG 17 2005

AMENDMENT AND RESPONSE UNDER 37 CFR \$1.111

In response to the Office Action dated June 15, 2005, applicants submit the following

amendments and temarks for entry of record in the above-identified patent application

CERTIFICATION OF FACSIMILE TRANSMISSION

Amendment, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 at I hereby certify that this document is being filed in the United States Patent and United States Patent and Trademark Office facsimile transmission number (571) 273-Trademark Office on the date shown below via facsimile transmission to Mail Stop

Dated: Augus: :7, 2005

PAGE 6/10 * RCVD AT 8/17/2005 2:46:23 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-6/24 * DNIS:2738300 * CSID: * DURATION (mm-ss):02-10

Commissioner for Patents Mail Stop Amendment

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

BEST AVAILABLE COPY